

Application No.: 09/762,380
Amendment Dated: November 22, 2005
Reply to Supplemental Notice
of Allowability dated: November 4, 2005

MTS-3243US

Remarks/Arguments:

Applicants have now filed a Preliminary Amendment with a Request for Continued Examination (RCE). Applicants respectfully request that prosecution of this application be re-opened with the amended and newly added claims.

Claims 1-5, 8-21 and 23-24 are withdrawn. Claims 7 and 28-31 are cancelled. Claims 6, 22 and 25-27 are pending. Claims 32-35 are newly added.

Amended claim 6 includes the following features:

- recording means for recording a **predetermined signal** discretely including Program Specific Information (PSI) or Service Information (SI) of a program;
- detecting means for **detecting the PSI or the SI from the predetermined signal**; and
- adding means for **adding the PSI or the SI to the head of the predetermined signal** upon recording of the predetermined signal.

As shown in Fig. 1, for example, the invention as recited in amended claim 6, includes detecting means for detecting the PSI or the SI from a received **predetermined signal (for example, MPEG transport stream)**. The detected PSI or SI is inserted, by adding means 5, at the head of this predetermined signal, upon recording of this predetermined signal. As shown in Fig. 2(a) and Fig. 2(b), the PSI or SI may be detected anywhere in the received MPEG transport stream. The invention, however, detects this PSI or SI and adds the same at the head of the predetermined signal (for example, MPEG transport stream). As shown in Fig. 10(b), the PSI signal is detected and placed at the head of the predetermined signal (for example, the head of the intra-frame (I-frame) signal).

As described in the previous Office Action Response, dated April 11, 2005, an advantage to adding the detected PSI to the head of the predetermined signal is

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that a decoder does not have to perform any operation for detecting the PSI and, therefore, there is a savings of processing time.

At page 7 of the Office Action, dated January 13, 2005, the Examiner admits that Blatter does **not** disclose adding a detected PCR to the head of an MPEG transport stream. The Examiner, however, states that Yanagihara discloses detecting the PCR from an MPEG transport stream and adding the PCR to the head of the MPEG transport stream.

Applicants respectfully disagree with the Examiner's assertion. The Examiner states that Yanagihara discloses, at column 7, lines 59-63, an MPEG transport stream which has a PCR added to its head. Applicants reviewed this paragraph and cannot find such teaching of adding a PCR to the head of an MPEG transport stream.

In the Office Action dated May 6, 2005, the Examiner states, at page 2 of the Office Action, that Blatter notes that a PSI may be located in the header. The Examiner points to column 6, lines 1-3, for the proposition that a header is included in an MPEG transport stream. Applicants, however, emphasize that Blatter does **not** disclose detecting a PSI or SI in a MPEG transport stream and then inserting the same at the header of the MPEG transport stream. Blatter discloses generating condensed PSI (CPSI) from stored PSI. As understood by Applicants, Blatter at column 6, lines 63-67, notes that CPSI contains information related to a particular program to be stored, whereas the PSI contains information related to all the program in a transport stream. Blatter further states that CPSI takes up less storage capacity and imposes less overhead than a PSI. Applicants, however, submit that Blatter's disclosure has nothing to do with extracting a PSI signal from a predetermined data stream (MPEG transport stream) and placing this detected PSI at the head of the transport stream.

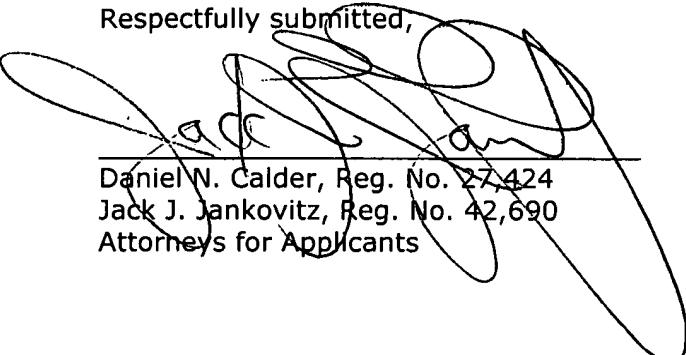
In a similar manner, Yanagihara does **not** disclose anything about extracting PSI or SI data and placing such data at the head of a predetermined signal (for example, MPEG transport stream). Applicants request that the Examiner favorably reconsider amended claim 6.

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Although not the same, independent claim 22 includes features similar to amended claim 6. Applicants request that amended claim 22 be favorably reconsidered.

Newly added claims 32-35 include features which are similar to either amended claim 6 or amended claim 22. Favorable consideration is requested for these claims.

Respectfully submitted,


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Dated: November 22, 2005

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